

CLAIMS

What is claimed is:

1. A biopsy system having a biopsy device supported by an adapter, the biopsy device including a handpiece and a cutting element having an outer cannula hub removably mounted to the handpiece, the cutting element including an outer cannula connected to the outer cannula hub and defining a tissue receiving opening and an inner cannula disposed within the outer cannula and attached to the handpiece, the outer cannula hub allowing removal of the handpiece and inner cannula from the outer cannula, the adapter comprising:

a base;

a cradle moveably mounted to the base and configured to rotatably support the biopsy device therein, the cradle configured to inhibit axial movement of the biopsy device relative to the cradle when locked therein;

an indexing guide moveable with the cradle and including a receptacle within which the outer cannula hub is rotatably received, the indexing guide configured to inhibit rotation and axial movement of the outer cannula hub and outer cannula relative to the indexing guide and the cradle when the outer cannula hub is locked therein.

2. The system of claim 1, wherein the indexing guide includes at least one guide lock that is selectively engagable with the outer cannula hub to inhibit rotation and axial movement thereof.

3. The system of claim 2, wherein the indexing guide includes two guide locks.

4. The system of claim 2, wherein the guide lock is moveably secured to the indexing guide.

5. The system of claim 2, wherein the outer cannula hub includes at least one notch and the guide lock is configured to be received in the notch to prevent movement of the outer cannula hub in a first axial direction.

6. The system of claim 1, wherein the indexing guide includes a lip adjacent the receptacle to prevent movement of the outer cannula hub in a second axial direction.
7. The system of claim 1, wherein the cradle includes a pivotable clamp that is selectively engagable with the handpiece to inhibit rotation and axial movement thereof.
8. The system of claim 1, wherein the adapter includes a deployment mechanism configured to move the cradle relative to the base.
9. An adapter for a medical instrument, comprising:
 - a base;
 - a cradle moveably mounted to the base; and
 - an indexing guide moveable with the cradle and including a receptacle within which a portion of the medical instrument is received, the indexing guide configured to inhibit rotation and axial movement of the portion of the medical instrument received in the receptacle relative to the indexing guide and the cradle when the medical instrument is locked therein.
10. The adapter of claim 9, wherein the indexing guide includes at least one guide lock that is selectively engagable with the portion of the medical instrument received within the receptacle to inhibit rotation and axial movement thereof.
11. The adapter of claim 10, wherein the indexing guide includes two guide locks.
12. The adapter of claim 10, wherein the guide lock is moveably secured to the indexing guide.
13. The adapter of claim 10, wherein the medical instrument includes at least one notch and the guide lock is configured to be received in the notch to prevent movement of the medical instrument in a first axial direction.

14. The adapter of claim 9, wherein the indexing guide includes a lip adjacent the receptacle to prevent movement of the medical instrument in a second axial direction.
15. The adapter of claim 9, wherein the cradle includes a pivotable clamp that is selectively engagable with the medical instrument to inhibit rotation and axial movement thereof.
16. The adapter of claim 9 further including a deployment mechanism configured to move the cradle relative to the base.